

PI 560335. *Triticum turgidum* L. POACEAE Durum wheat

Donated by: Friebe, B., Kansas Agr. Exp. Sta., Kansas State University, Manhattan, Kansas 66506-5502, United States; and Agricultural Research Service -- USDA; and Technical University of Munich. **remarks:** KS91WGRC14 T1BL-1RS. Received March 24, 1992.

origin: United States. **developed:** B. Friebe, B.S. Gill, T.S. Cox, F.J. Zeller. **origin institute:** Kansas Agric. Exp. Station/USDA-ARS, Kansas State University, Manhattan, Kansas 66506-4008 United States. **origin institute id:** KS91WGRC14. **pedigree:** BC1F2 derived line from Cando *2 / Veery. **other id:** GP-343. **group:** CSR-WHEAT. **restricted:** CSR. **remarks:** Durum wheat germplasm homozygous for T1BL IR5 wheat-rye chromosome translocations with resistance to stem rust (*Puccinia graminis*) and powdery mildew (*Erysiphe graminis*). Spring Annual. Breeding Material. Seed.

PI 560336 to 560342. *Beta vulgaris* L. CHENOPODIACEAE Sugarbeet

Donated by: Lewellen, R.T., Agricultural Research Service -- USDA, U.S. Agricultural Research Station, Salinas, California 93905, United States. Received March 24, 1992.

PI 560336 **origin:** United States. **cultivar:** C39R. **pedigree:** Early version of line C39 (NSSL BV-788 serial No. 220741) by phenotypic recurrent selection. Derived from a broadly based population. **other id:** R39. **remarks:** Multigerm, self-sterile. High level of quantitatively inherited resistance to rhizomania (beet necrotic yellow vein virus). Sugar yield higher than most other lines or hybrids under severe disease conditions. Only about half resistance expressed in hybrid combinations. Moderately resistant to virus yellows, powdery mildew, Erwinia, curly top and bolting. Biennial. Breeding Material. Seed.

PI 560337 **origin:** United States. **cultivar:** C39R4-6. **pedigree:** Advanced from fourth cycle of selection for resistance to rhizomania from line C39. **other id:** R39-6. **remarks:** Multigerm, self-sterile line advanced from full-sib family. Similar to C39R for rhizomania resistance, but better resistance to bolting. Narrowly based and more uniform than C39R or C39. Biennial. Breeding Material. Seed.